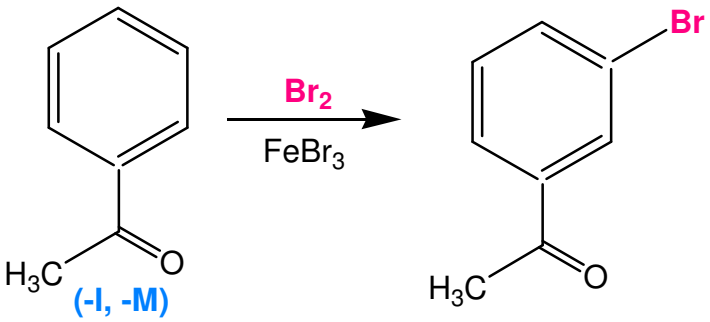
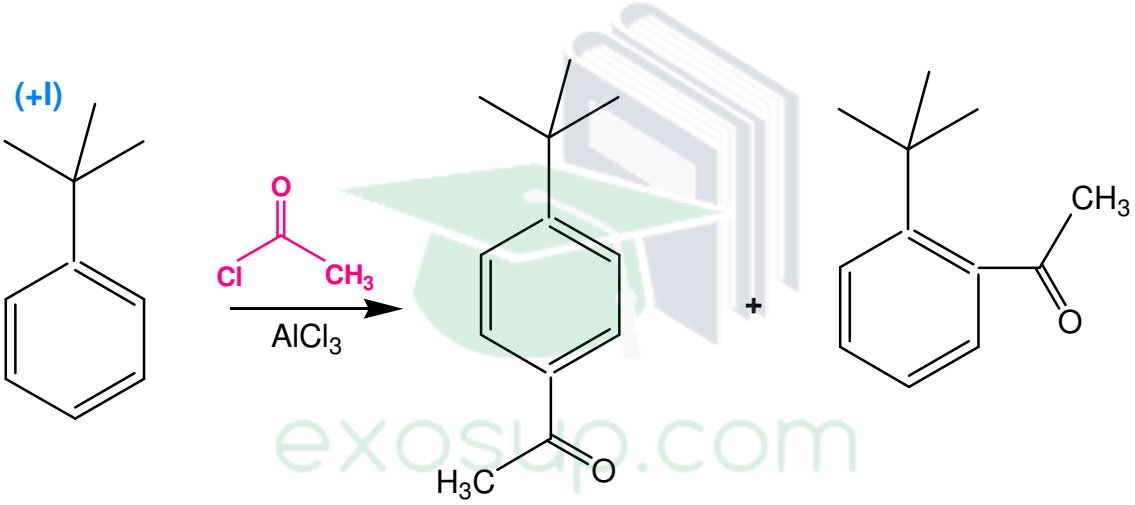
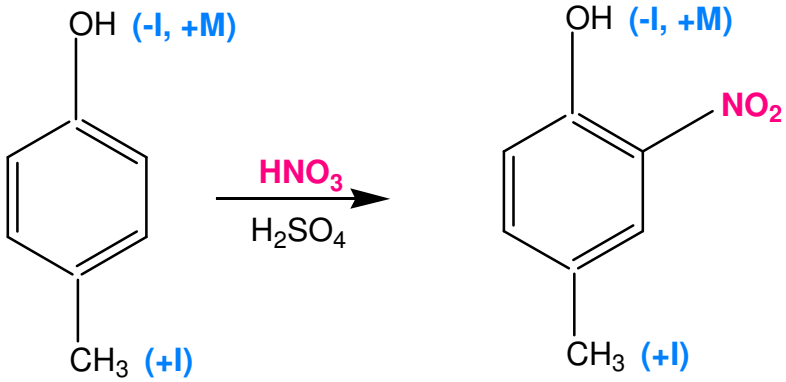
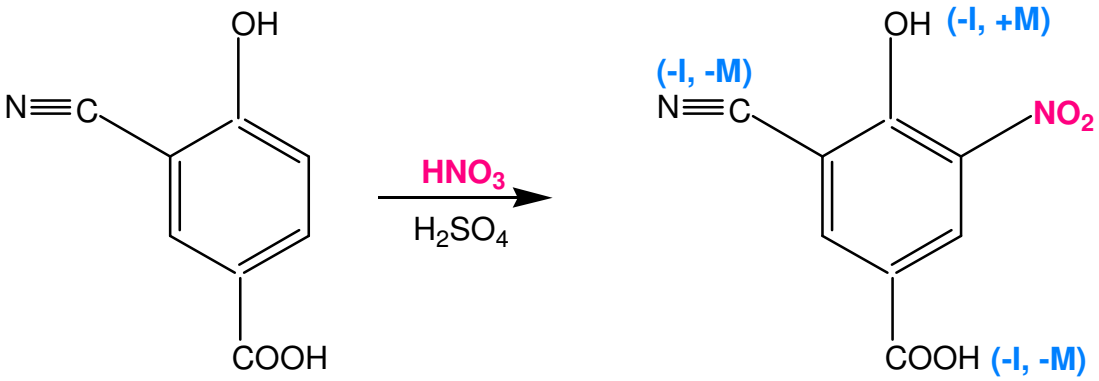
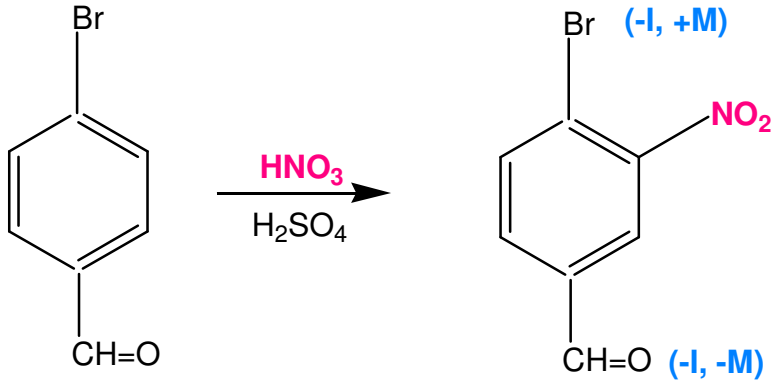
Corrigé des Travaux dirigés (2013-2014)

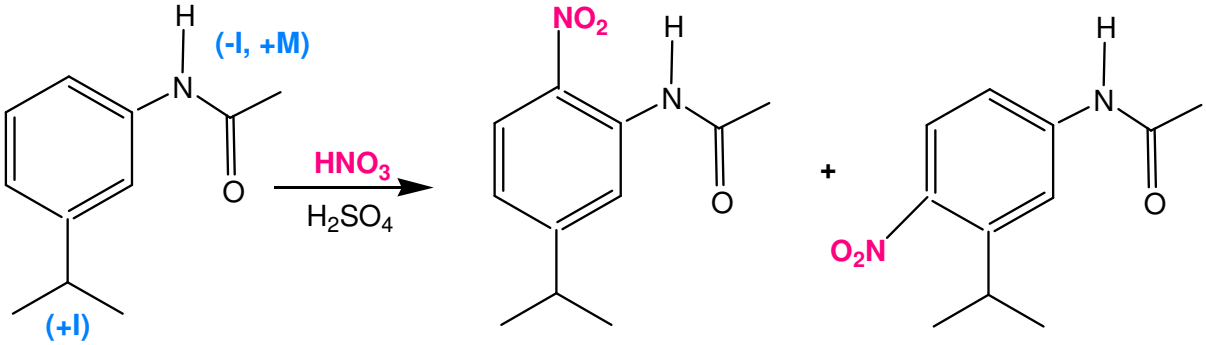


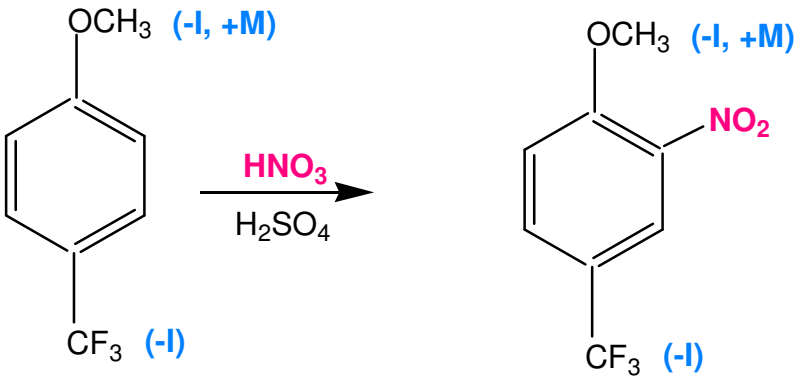


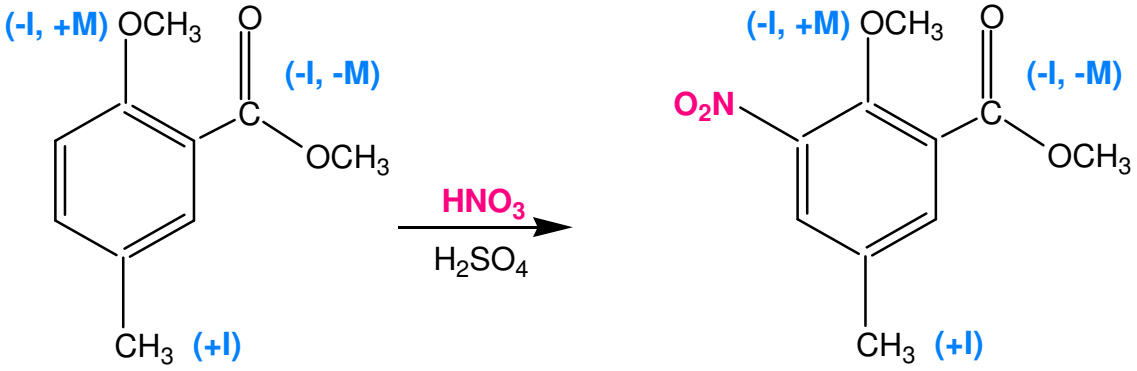


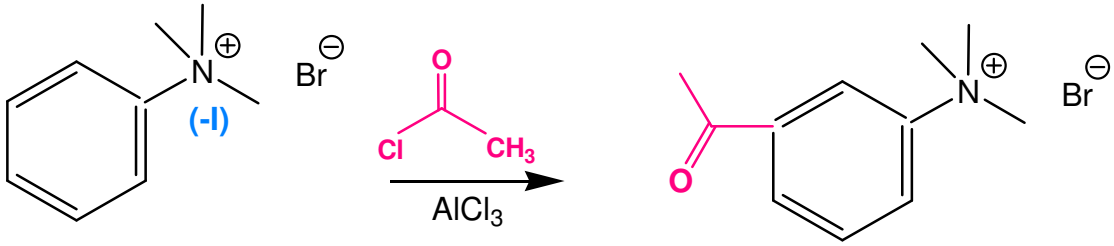

OH
N≡C
COOH
HNO3
H2SO4
OH (-I, +M)
(-I, -M)
N≡C
NO2
COOH (-I, -M)

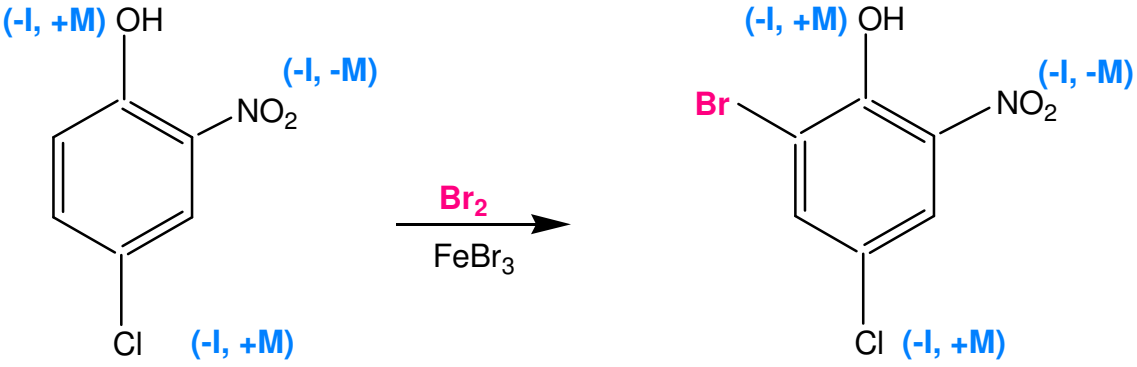

Br
CH=O
HNO3
H2SO4
Br (-I, +M)
NO2
CH=O (-I, -M)


H
N
O
(-I, +M)
(+I)
HNO3
H2SO4
NO2
+
O2N


OCH3 (-I, +M)
CF3 (-I)
HNO3
H2SO4
NO2


(-I, +M) OCH3
O
(-I, -M)
C
OCH3
CH3 (+I)
HNO3
H2SO4
(-I, +M) OCH3
O
(-I, -M)
O2N
C
OCH3
CH3 (+I)


N
Br
(-I)
O
Cl
CH3
AlCl3
N
Br
O


(-I, +M) OH
(-I, -M)
NO2
Cl (-I, +M)
Br2
FeBr3
(-I, +M) OH
(-I, -M)
Br
NO2
Cl (-I, +M)